

# USCMS Engineer Status Report for October 2003

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## 1 Work Performed This Month

Work on production tools.

Implemented new features in refdbdar, requested for OSCAR and ORCA-based production. Defined and introduced special syntax for RefDB request file, which now allows to:

- add multiple XML geometry versions - add multiple geometry files (with control of size and checksum)
- add a specified list of executables to be searched in runtime \$PATH set by SCRAM, the build instructions, if present, will be used to create requested executables not found in PATH.

Wrote a description of RefDB2DAR interface.

Minor improvements in DAR . Created and tested OSCAR dar-files.

Proposed and tested with Michael Ernst 's help the way to get sample data for ORCA releases from castor onto Fermilab computers, using SRB as a transport mechanism.

Keeping CMS software at FNAL up-to-date and functional.

DPE releases: two minor DPE releases, provided a fix for Grid3 conflict found in DPE2\_2\_2.

Managing DPE pacman caches and DPE documentation, test installation of DPE components.

Occasional support for CMS software users.

## 2 Status of Deliverables

New DAR and RefDBDAR release is ready

OCTOPUS bugs (feature requests) are closed  
DPE releases available and provided with teh docuementation  
First draft of reviewed DPE page is ready.  
Description of the DPE release note utilities is available.

### **3 Plans For Next Month**

Work on DAR re-ingeneering and GUI.

Update DAR documentation, and work on presentation about DAR and related tools.

### **4 Longer Term Plans**

See goal settings for 2003

### **5 Links To Supporting Documentation**

- <http://www.uscms.org/scpages/subsystems/gridinfo/utilities/README.html>